THE CONTRACTOR SHALL CERTIFY THAT THE GRADE IS WITHIN PLUS OR MINUS ONE-TENTH (1/10 $^{110}$  OF THE FINAL GRADING PLAN PRIOR TO COMMENCEMENT OF ANY LANDSCAPE OR IRRIGATION WORK. STORM WATER BEST MANAGEMENT PRACTICES SHALL CONFORM TO STATE OF COLORADO REQUIREMENTS. ALL STORM WATER REPORTS AND REQUIRED PAPERWORK SHALL ADHERE TO ALL STATE OF COLORADO REQUIREMENTS.

ANY REVISION TO THE LANDSCAPE PLAN SHALL BE REVIEWED AND APPROVED BY THE PARKS SUPERINTENDENT OR HIS DESIGNEE PRIOR TO IMPLEMENTATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR UTILITY LOCATIONS PRIOR TO ANY EXCAVATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS, FEES, AND LICENSES ASSOCIATED WITH THE WORK AS SHOWN ON THE PLANS.

THE CONTRACTOR SHALL WARRANTY THE PLANT MATERIAL, WORKMANSHIP, AND IRRIGATION SYSTEM FOR A PERIOD OF TWO YEARS

THE CONTRACTOR SHALL IDENTIFY, VERIFY AND PROTECT CONTROL POINT. CONTRACTOR SHALL VERIFY LOCATION OF CONTROL POINT WEEKLY AND THE ORIGINAL CONDITION OF CONTROL POINT PIN SHALL BE MAINTAINED THROUGH OUT ENTIRE PROJECT. LOCATION AND G.P.S. COORDINATES OF THE CONTROL POINT SHALL BE IDENTIFIED ON ALL PLANS AND AS-BUILTS. DO NOT DISTURB PAVING, LIGHTING, LANDSCAPE OR IRRIGATION THAT EXISTS ADJACENT TO THE SITE UNLESS OTHERWISE NOTED ON PLANS.

ALL TREES SPECIES SHALL BE FROM THE TOWN OF ERIE APPROVED TREE LIST. GRAPHIC SYMBOLS SHALL PRESIDE OVER WRITTEN PLANT QUANTITIES.

NATIVE PLANTS SHALL BE USED IN NATIVE SEED AREAS, REFER TO STANDARDS AND SPECIFICATIONS FOR COMPLETE SPECIES LIST.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SCHEDULING AND COORDINATION OF ALL REQUIRED INSPECTIONS WITH THE TOWN OF ERIE. REFER TO TOWN OF ERIE STANDARDS AND SPECIFICATIONS FOR ALL REQUIRED INSPECTIONS.

THE CONTRACTOR SHALL GIVE THE TOWN FORTY-EIGHT (48) HOURS NOTICE TO VISIT THE SITE AND PERFORM ALL INSPECTIONS. THIS DOES NOT PRECLUDE THE RIGHT OF THE TOWN TO MAKE INFORMAL INSPECTIONS AT ANY TIME. THE CONTRACTOR SHALL NOTIFY THE TOWN FOR INSPECTIONS OF MATERIALS AND SOIL PREPARATION.

SOD SHALL BE INSTALLED FOR A MINIMUM OF THREE (3) WEEKS PRIOR TO CALLING FOR INSPECTIONS.

APPROVED CONSTRUCTION DRAWINGS SHALL BE ON SITE DAILY AND UPDATED WEEKLY WITH AS-BUILT MARKUPS. CONTRACTOR SHALL MAKE AS-BUILTS AVAILABLE FOR REVIEW AND INSPECTION TO TOWN STAFF ON SITE AT ALL TIMES ON REQUEST. RECORD ALL CHANGES WHICH ARE MADE FROM THE CONTRACT DRAWINGS. RECORD ALL REQUIRED INFORMATION ON AS BUILT DRAWINGS. DO NOT USE THESE PRINTS FOR ANY OTHER PURPOSE. CONTRACTOR SHALL SUBMIT A RED LINED PAPER SET OF AS-BUILTS FOR REVIEW TO THE PARKS SUPERINTENDENT OR HIS DESIGNEE AND WILL NOT PROCEED WITH THE PRODUCTION OF FINAL MYLARS UNTIL ACCEPTANCE AND ANY REQUIRED CHANGES HAVE BEEN MADE.

EDGING SHALL BE THREE-SIXTEENTHS BY SIX (3/16 X 6) INCH GREEN PAINTED STEEL.

SIX (6) FOOT STEEL TEE POSTS FOR DECIDUOUS TREES. TWO (2) FOOT STEEL TEE POSTS FOR EVERGREEN TREES A DOUBLE STRAND OF NUMBER TWELVE (12) GAUGE GALVANIZED WIRE ONE AND ONE-HALF INCH (1½) WIDE NYLON STRAP WITH EYELETS AT EACH END.

WOOD CHIP MULCH SHALL BE OF A HIGH QUALITY FIBROUS NATURE, SUCH AS SHREDDED WOOD CHIPS OR SHAVINGS, WHICH ARE BETWEEN ONE (1) INCHES AND FOUR (4) INCHES IN LENGTH. MULCH SHALL BE CLEAN AND FREE OF SOIL OR MAN-MADE DEBRIS.

CONTRACTOR SHALL FURNISH MATERIAL SAMPLES ON REQUEST BY THE TOWN (MULCH, AMENDMENTS, EDGING, ETC.).

<u>SUBMITTALS</u>

THE CONTRACTOR SHALL WARRANTY ALL NATIVE SEEDED AREAS FOR CONSISTENCY AND COMPLETION OF COVERAGE. THE STANDARD OF ACCEPTABLE ESTABLISHMENT SHALL BE AT LEAST SIX (6) DESIRABLE SEEDED PLANT SEEDLINGS PER SQUARE FOOT. ALL BARE AREAS SHALL BE RE-SEEDED AND RE-MULCHED.

ANY REMAINING PEAT, SOIL, SAND, ROCK, OR SIMILAR MATERIAL WHICH HAS BEEN BROUGHT ONTO THE SITE BY WORK OPERATIONS OR OTHERWISE, SHALL BE REMOVED, AND ALL OTHER REMAINING DEBRIS WILL BE DISPOSED OF. ALL GROUND AREA DISTURBED SHALL BE RENOVATED TO ITS ORIGINAL CONDITION OR TO THE REQUIRED NEW CONDITION.

PLANT TAGS STATING THE CORRECT PLANT NAME AND SIZE SHALL BE SECURELY ATTACHED TO ALL PLANT MATERIALS. PLANTS SHALL BE TRUE TO THEIR NAME AS SPECIFIED. PLANT MATERIALS NOT MEETING THESE STANDARDS ARE SUBJECT TO REJECTION

ALL LANDSCAPE FABRIC SHALL BE TYPAR 3401 OR MIRAFI MIRASCAPE GEO-TEXTILE POLYPROPYLENE FABRIC OR AN APPROVED EQUIVALENT. ALL SEAMS IN THE FABRIC SHALL OVERLAP A MINIMUM OF TWELVE (12) INCHES, LANDSCAPE FABRIC PINS WILL BE USED A MINIMUM OF EVERY THREE (3) FEET ALONG THE EDGE OF THE FABRIC AS WELL AS A MINIMUM OF THREE (3) FEET ON CENTER THROUGHOUT THE FABRIC.

SOD SHALL CONSIST OF A BLEND OF AT LEAST THREE (3) VARIETIES OF BLUEGRASS. THIS BLEND IS TO BE APPROVED BY THE PARKS SUPERINTENDENT OR HIS DESIGNEE.

SOD SHALL BE STRONGLY ROOTED AND FREE OF NOXIOUS WEEDS, UNDESIRABLE PLANTS, ROOTS, STONES, AND OTHER FOREIGN MATERIALS THAT WILL BE DETRIMENTAL OR WILL HINDER THE PROPER DEVELOPMENT OF THE SOD.

SOIL AMENDMENTS

PRIOR TO THE INSTALLATION OF PLANT MATERIAL, SOD, OR SEED, THE CONTRACTOR SHALL THOROUGHLY TILL EXISTING MATERIALS. THE CONTRACTOR SHALL THEN THOROUGHLY INCORPORATE ORGANIC AMENDMENTS AT A RATE OF FIVE (5) CU. YARDS PER THOUSAND (1000) FEET FOR ALL LANDSCAPED AREAS AND AT A RATE OF THREE (3) CU. YARDS PER THOUSAND (1000) FEET FOR ALL NATIVE AREAS.

THE FOLLOWING IS A LIST OF THE REQUIRED SOIL PREPARATION INSPECTIONS IN THEIR ORDER:

I.THE CONTRACTOR SHALL CERTIFY THAT THE GRADE IS WITHIN PLUS OR MINUS ONE-TENTH (I/10<sup>TH)</sup> OF THE FINAL GRADING PLAN PRIOR TO COMMENCEMENT OF ANY LANDSCAPE OR IRRIGATION WORK.

2.DURING OR AFTER FIRST CULTIVATION

3.AFTER APPLICATION OF SPECIFIED ORGANIC MATERIALS

4.DURING OR AFTER SECOND CULTIVATION

5.AFTER FINAL GRADE IS COMPLETED.

CONTRACTOR SHALL APPLY BIOSOL AT A RATE OF EIGHT HUNDRED (800) POUNDS PER ACRE TO ALL NATIVE AREAS IMMEDIATELY FOLLOWING SEEDING AND PRIOR TO THE APPLICATION OF HYDRO-MULCH. SEEDING, MOWING AND WEED CONTROL SHALL ALL BE CARRIED OUT AS DETAILED IN THE TOWN OF ERIE STANDARDS AND SPECIFICATIONS.

HYDRO-MULCH SHALL BE A WOOD CELLULOSE FIBER TYPE AND SHALL BE APPLIED AT THE MINIMUM RATE OF TWO THOUSAND FIVE HUNDRED (2,500) POUNDS PER ACRE WITH A MINIMUM RATE OF ONE HUNDRED AND FIFTY (150) POUNDS PER ACRE TACKIFIER AND SHALL BE APPLIED IMMEDIATELY AFTER SEED APPLICATION.

STRAW CONSISTING OF SEVENTY-FIVE (75) PERCENT STRAWS LONGER THAN TEN (10) INCHES MAY BE USED ON NATIVE SEEDING. IT SHALL BE APPLIED EVENLY OVER THE SEEDED SURFACE AT THE MINIMUM RATE OF TWO (2) TONS PER ACRE AND PARTIALLY EMBEDDED INTO THE SOIL USING A CRIMPER OR SIMILAR IMPLEMENT.

ALL NATIVE SEED SHALL RECEIVE TEMPORARY IRRIGATION UNTIL SEED IS ESTABLISHED.

ALL HYDRO-MULCH FROM ALL PLANT MATERIALS, FENCES, CONCRETE AND OTHER AREAS EXCEPT FOR SEED BED SHALL BE REMOVED. OVERLY DENSE APPLICATIONS OF STRAW MULCH, OR WINDROWS OF LOOSE STRAW MULCH WHICH MAY SMOTHER SEEDLING GRASSES, MUST BE COLLECTED AND REMOVED. STRAW MULCH BLOWN ONTO ADJACENT RESIDENTIAL AREAS SHALL BE REMOVED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING BARRIERS AND SIGNS AS REQUIRED TO PROTECT SEEDED AREAS FROM PEDESTRIAN AND VEHICULAR DAMAGE.

ALL PLANT MATERIAL SHALL COMPLY WITH THE AMERICAN STANDARD FOR NURSERY STOCK ANSI Z60.1-2004.

ALL EVERGREEN TREES SHALL BE A MINIMUM OF SIX (6) FEET TALL OR LARGER. HEIGHT DIMENSIONS REFER TO THE MAIN BODY OF THE TREE. FROM THE ROOT COLLAR AND ABOVE. SHRUBS SHALL BE FIVE (5) GALLON CONTAINERS OR LARGER.

THE CONTRACTOR SHALL INSURE THAT ALL PLANT AND SEEDED AREAS ARE WATERED AS NECESSARY ACCEPTANCE HAS BEEN GRANTED

LANDSCAPE FABRIC

ANY CHANGES IN SPECIES AND PLANT LOCATIONS SHALL BE SUBMITTED TO THE PARKS SUPERINTENDENT OR HIS DESIGNEE FOR REVIEW AND APPROVAL. OVERALL QUALITY AND DESIGN CONCEPT SHALL BE CONSISTENT WITH APPROVED LANDSCAPE PLAN. ALL TREES SHALL BE BALLED & BURLAPPED UNLESS OTHER AUTHORIZED BY TOWN OF ERIE PARKS SUPERINTENDENT OR HIS DESIGNEE.

ALL NEW AND REPLACEMENT PLANT MATERIALS REQUIRE INSPECTION AND SHALL BE TAGGED BY THE PARKS SUPERINTENDENT OR HIS DESIGNEE FOR ALL TOWN OF ERIE MAINTAINED AREAS PRIOR TO PLANTING. CONTACT APPROPRIATE TOWN OF ERIE STAFF TO ARRANGE FOR MATERIALS TO BE TAGGED.

ALL TREE WELLS; SHRUB AND PERENNIAL BEDS; SEEDED AND SODDED AREAS; AND AREAS WHERE GRAVEL, ROCK OR WOOD MULCH IS TO BE USED AS A GROUND COVER SHALL BE KEPT FREE OF GRASS AND WEEDS

TREES AND SHRUBS SHALL NOT BE FERTILIZED DURING INSTALLATION OR FOR THE FIRST TWELVE (12) MONTHS FOLLOWING INSTALLATION.

ALL DECIDUOUS TREES SHALL BE STAKED FOR TWELVE (12) MONTHS AND EVERGREEN TREES FOR TWENTY-FOUR (24) MONTHS. CONTRACTOR IS RESPONSIBLE FOR PERIODICALLY RE-TENSIONING AND THE REMOVAL OF TREE STAKES THROUGHOUT THIS PERIOD.

PLANT MATERIALS SHALL BE LIVE, HEALTHY, VIGOROUS, STRUCTURALLY SOUND, AND FREE OF DISEASE AND INSECT INFESTATIONS. PLANT MATERIALS NOT MEETING THESE STANDARDS SHALL BE SUBJECT TO REJECTION AND SHALL BE REPLACED

REASE HEIGHT BY E AND A HALF (1.5)

INCH INCREASE HEIGHT BY TWO (2) FOOT

PLANTING PROCEDURES

OPTIMUM PLANTING PERIODS ARE FROM MARCH SEPTEMBER 1 TO OCTOBER 26. AND FROM

TREE PITS SHALL BE EXCAVATED A MINIMUM OF TWO (2) TIMES GREATER THAN THE DIAMETER OF THE ROOT BALL AND SHALL BE SAUCER SHAPED IF TREE PITS ARE DUG UTILIZING MECHANICAL EQUIPMENT, EDGES OF PLANTING HOLE SHALL BE FLARED DOWN TO CREATE A SAUCER SHAPED PLANTING PIT AND THE SIDES OF THE HOLE SHALL BE SCORED TO PREVENT GLAZING OR COMPACTION OF PLANTING HOLE.

THE DIAMETER OF ALL SHRUB PLANTING PITS SHALL BE TWELVE (12) INCHES GREATER IN DIAMETER THAN THE DIAMETER OF THE CONTAINER

SAND DROPSEED SWITCHGRASS

DALEA PURPUREA GAILLARDIA

COMMON VARIETY COMMON

PLS LBS/ACRE

COMMON

LITTLE BLUESTEM

PASTURA

THE ROOT FLARE SHALL BE IDENTIFIED ON ALL TREES PRIOR TO PLANTING TO ASSURE THAT THE HOLE HAS BEEN DUG TO THE PROPER DEPTH—AND NO MORE. THE PLANTING PIT SHALL BE DEEP ENOUGH TO ALLOW FOR THE ROOT FLARE TO REMAIN TWO (2) INCHES HIGHER THAN THE SURROUNDING FINISH GRADE.

TANSY ASTER\*
PRAIRIE
CONEFLOWER\*

PERENNIAL OR GROUNDCOVER PLANTS SHALL BE PLANTED ONE (1) INCH ABOVE FINISHED GRADE WITHIN THE AMENDED SOIL. THE CONTRACTOR SHALL INSTALL PERENNIAL OR GROUNDCOVER PLANTS TAKING NOTE OF REQUIRED ON-CENTER SPACING AND REQUIRED DISTANCES FROM EDGES

ALL CONTAINERS SHALL BE REMOVED PRIOR TO BACKFILLING. THIS INCLUDES ANY ORGANIC MANUFACTURED CONTAINERS. IF THE ROOT SYSTEM OF A CONTAINER GROWN PLANT HAS BECOME CONTAINERBOUND, THE ROOTS SHALL BE CUT VERTICALLY ON A MINIMUM OF TWO SIDES OF THE ROOT MASS PRIOR TO PLANTING.

PLANTING PIT BACKFILL MIXTURE SHALL CONSIST OF TWO (2) PARTS OF EXCAVATED NATIVE SOIL AND ONE (1) PART ORGANIC SOIL AMENDMENT ALL PLANT TAGS, FLAGGING TAPE, LABELS, STRING, ETC. SHALL BE REMOVED FROM ALL PLANT MATERIALS.

ALL DECIDUOUS TREES SHALL HAVE A SOD-FREE BASE AT LEAST FOUR (4) FEET IN DIAMETER AND EVERGREENS SHALL HAVE A SOD-FREE BASE EXTENDING TO THE DRIP LINE. MULCH SHALL BE THREE (3) INCHES DEEP AND SHALL BE PLACED TWO (2) INCHES FROM AND NOT MAKE CONTACT WITH TREE TRUNKS.

MOIST SWALE SEED MIXTURE. THIS MIXTURE IS INTENDED TO BE SEEDED OVER THE TOP OF EITHER SHORTGRASS PRAIRIE NATIVE SEED MIXTURE OR MIXED GRASS PRAIRIE NATIVE SEED MIXTURE SEED MIXTURES

/ACRE

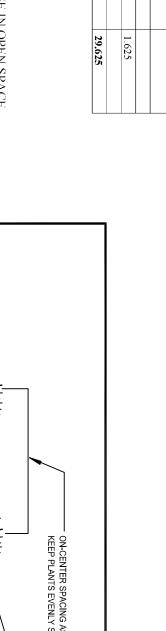
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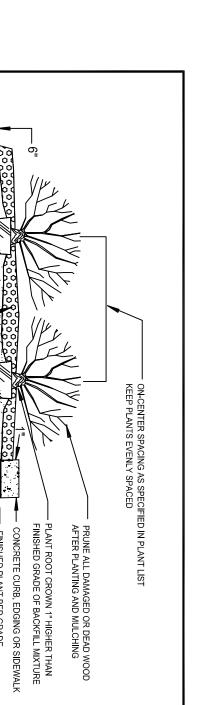
COBBLE AND WOOD MULCH SHALL BE SEPARATED BY THREE. SIXTEENTHS BY SIX (3/16 X 6) INCH GREEN STEEL EDGING.

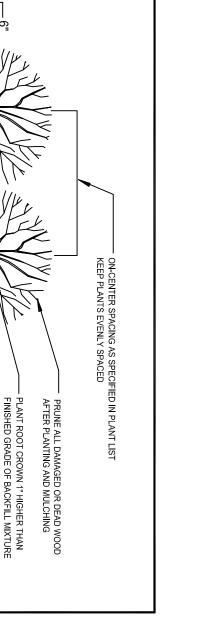
ALL DECIDUOUS TREES SHALL BE WRAPPED USING AN APPROVED TREE WRAP AND SECURED WITH VINYL ELECTRIC TAPE AT TWENTY-FOUR (24) INCH INTERVALS AND SHALL REMAIN WRAPPED BETWEEN NOVEMBER 1 AND APRIL 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING TORN, LOOSE OR DAMAGED TREE WRAP; DEFECTIVE OR WEATHERED TAPE; AND REMOVAL OF TREE WRAPPING MATERIALS.

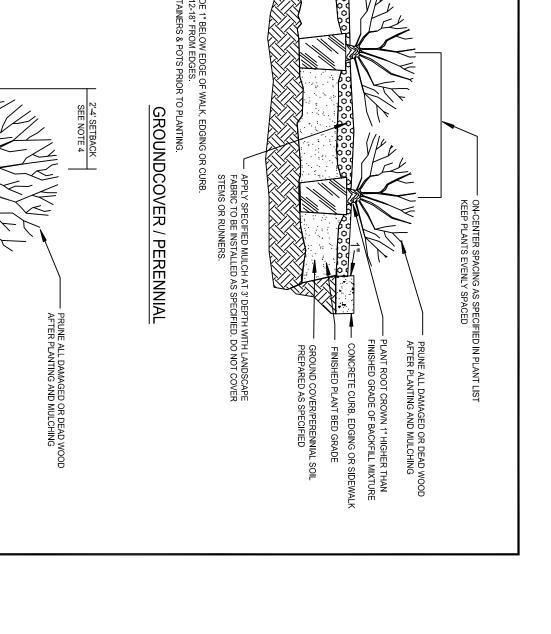
0.75	12			OUNCES
	ယ	COMMON	TANACETAFOLIA	TANSY ASTER*
			<i>MACHAERANTHERA</i>	
	4	COMMON	LIATRIS PUNCTATA	GAYFEATHER*
	4	COMMON	DALICA PURPURICA	CLOVER*
	_			PURPLE PRAIRIE
	_	COMMON	ARTEMISIA FRIĞIDA	FRINGED SAGE*
+		COMMON	CRYPTANDRUS	SAND DROPSEED
_			SPOROBOLUS	
ľ		LOVINGTON	GRACHE	BLUE GRAMA
วิ			CHONDROSUM	
14		NATIVE	DACTYLIODES	BUFFALOGRASS
			BUCHLOE	
PLS LBS/ACRE	OZ/ACRE	VARIETY	SCIENTIFIC NAME	COMMON NAME
DGES.	D TRAIL E	M ROAD ANI	ATIVE SEEDING LESS THAN 10 FEET FROM ROAD AND TRAIL EDGES	ATIVE SEEDING L
			TORTORASS TRAINED AND VENETURE TORTOR TIST IN OUT A STANCE	

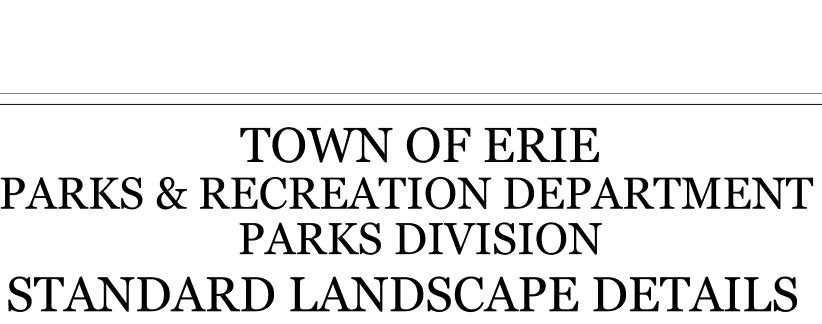
SHORTGRASS PRAIRIE NATIVE SEED MIXTURE. FOR USE IN OPEN SPACE NATIVE SEEDING LESS THAN 10 FEET FROM ROAD AND TRAIL EDGES.	
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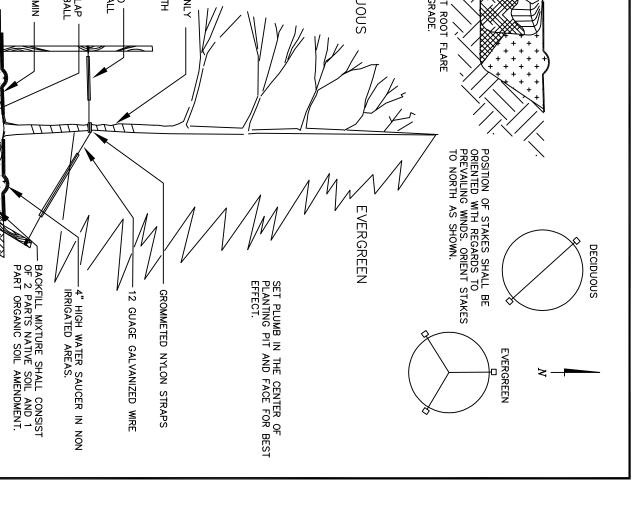


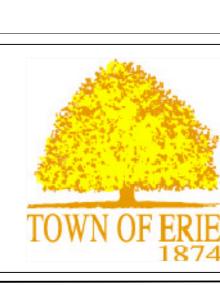












SHRUB

PARKS & RECREATION DEPARTMENT

MARCH 12, 2009

CONTACT: RON FLETCHER, Parks Superintendent EMAIL: rfletcher@erieco.gov PHONE: 303-926-2887

SHEET 1 OF 1

THE MAINTENANCE OF SODDED AREAS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL FINAL ACCEPTANCE HAS BEEN GRANTED. MAINTENANCE SHALL CONSIST OF REPAIR AND REPLACEMENT OF ERODED AREAS, WATERING, MOWING (WHEN THE SOD IS ESTABLISHED), WEEDING, FERTILIZING, AND RE-SODDING AS NECESSARY TO PROVIDE AN EVEN, CONSISTENT STAND OF GRASS. ALL REPLACEMENT SODDING DEEMED NECESSARY BY THE TOWN WILL BE DONE BY THE CONTRACTOR

THE CONTRACTOR SHALL COLLECT AND REMOVE FROM THE AREA WEEKLY AT HIS OWN EXPENSE. LITTER REMOVAL

AND MIXTURES

THE CONTRACTOR SHALL MAINTAIN A MOWING HEIGHT OF THREE INCHES (3"). FREQUENCY OF MOWING SHALL BE DETERMINED BY THE GROWTH RATE OF THE GRASS BUT AT NO TIME SHOULD THE CLIPPINGS EXCEED TWO INCHES (2") IN LENGTH.

